

### Status: Path 1 of [Dialog Information Services via Modem]

### Status: Initializing TCP/IP using (UseTelnetProto 1 ServiceID pto-dialog)  
Trying 31060000009999...Open

DIALOG INFORMATION SERVICES

PLEASE LOGON:

\*\*\*\*\* HHHHHHHH SSSSSSSS?

### Status: Signing onto Dialog

\*\*\*\*\*

ENTER PASSWORD:

\*\*\*\*\* HHHHHHHH SSSSSSSS? \*\*\*\*\*

Welcome to DIALOG

### Status: Connected

Dialog level 02.12.60D

Last logoff: 13mar03 11:29:14

Logon file001 16mar03 13:01:25

\*\*\* ANNOUNCEMENT \*\*\*

\*\*\*

--File 515 D&B Dun's Electronic Business Directory is now online completely updated and redesigned. For details, see HELP NEWS 515.

\*\*\*

--File 990 - NewsRoom now contains October 2002 to present records.  
File 993 - NewsRoom archive contains 2002 records from January 2002-September 2002. To search all 2002 records, BEGIN 990,993 or B NEWS2002

\*\*\*

--Alerts have been enhanced to allow a single Alert profile to be stored and run against multiple files. Duplicate removal is available across files and for up to 12 months. The Alert may be run according to the file's update frequency or according to a custom calendar-based schedule. There are no additional prices for these enhanced features. See HELP ALERT for more information.

\*\*\*

--U.S. Patents Fulltext (File 654) has been redesigned with new search and display features. See HELP NEWS 654 for information.

\*\*\*

--Connect Time joins DialUnits as pricing options on Dialog. See HELP CONNECT for information.

\*\*\*

--CLAIMS/US Patents (Files 340,341, 942) have been enhanced with both application and grant publication level in a single record. See HELP NEWS 340 for information.

\*\*\*

--SourceOne patents are now delivered to your email inbox as PDF replacing TIFF delivery. See HELP SOURCE1 for more information.

\*\*\*

--Important news for public and academic libraries. See HELP LIBRARY for more information.

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--Important Notice to Freelance Authors--  
See HELP FREELANCE for more information

\*\*\*

For information about the access to file 43 please see Help News43.

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NEW FILES RELEASED

\*\*\*Dialog NewsRoom - Current 3-4 months (File 990)

\*\*\*Dialog NewsRoom - 2002 Archive (File 993)

\*\*\*Dialog NewsRoom - 2001 Archive (File 994)

\*\*\*Dialog NewsRoom - 2000 Archive (File 995)

\*\*\*TRADEMARKSCAN-Finland (File 679)

\*\*\*TRADEMARKSCAN-Norway ile 678)  
\*\*\*TRADEMARKSCAN-Sweden (File 675)  
\*\*\*

#### UPDATING RESUMED

\*\*\*Delphes European Business (File 481)  
\*\*\*

#### RELOADED

\*\*\*D&B Dun's Electronic Business Directory (File 515)  
\*\*\*U.S. Patents Fulltext 1976-current (File 654)  
\*\*\*Population Demographics (File 581)  
\*\*\*Kompass Western Europe (File 590)  
\*\*\*D&B - Dun's Market Identifiers (File 516)

#### REMOVED

\*\*\*Chicago Tribune (File 632)  
\*\*\*Fort Lauderdale Sun Sentinel (File 497)  
\*\*\*The Orlando Sentinel (File 705)  
\*\*\*Newport News Daily Press (File 747)  
\*\*\*U.S. Patents Fulltext 1980-1989 (File 653)  
\*\*\*TOXNET data is added to ToxFile (F156)

\*\*\*New document supplier\*\*\*

IMED has been changed to INFOTRIE (see HELP OINFOTRI)

>>> Enter BEGIN HOMEBASE for Dialog Announcements <<<  
>>> of new databases, price changes, etc. <<<  
\*\*\*\*

KWIC is set to 50.

HIGHLIGHT set on as '\*'

\* \* Preliminary records through 2/12 \*\*

File 1:ERIC 1966-2003/Feb 25  
(c) format only 2003 The Dialog Corporation

Set	Items	Description
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Cost is in DialUnits

?b 155, 5, 73

16mar03 13:01:35	User259876	Session D478.1
\$0.33	0.094	DialUnits File1
\$0.33		Estimated cost File1
\$0.03		TELNET
\$0.36		Estimated cost this search
\$0.36		Estimated total session cost 0.094 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 155:MEDLINE(R) 1966-2003/Mar W2  
(c) format only 2003 The Dialog Corp.

File 5:Biosis Previews(R) 1969-2003/Mar W2  
(c) 2003 BIOSIS

**\*File 5: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.**

File 73:EMBASE 1974-2003/Mar W2  
(c) 2003 Elsevier Science B.V.

**\*File 73: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.**

Set	Items	Description
-----	-------	-------------

?s (transgenic (w) mouse) (s) (DR3)

114104		TRANSGENIC
1396210		MOUSE
7582		DR3
S1	8	(TRANSGENIC (W) MOUSE) (S) (DR3)

?rd  
...completed examining records  
S2 4 RD (unique items)  
?t s2/3,k/all

**2/3,K/1 (Item 1 from file: 155)**  
DIALOG(R) File 155:MEDLINE(R)  
(c) format only 2003 The Dialog Corp. All rts. reserv.

14554589 22482287 PMID: 12594846

**Characterization of HLA DR3/DQ2 transgenic mice: a potential humanized animal model for autoimmune disease studies.**

Chen Dan; Ueda Roanna; Harding Fiona; Patil Namrata; Mao Yifan; Kurahara Carole; Platenburg Gerard; Huang Manley

Genencor International Inc., Palo Alto, CA 94304, USA. dchen@genencor.com

European journal of immunology (Germany) Jan 2003, 33 (1) p172-82,

ISSN 0014-2980 Journal Code: 1273201

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

... associations of certain HLA alleles with autoimmune diseases. To better understand how specific HLA alleles are related to disease pathogenesis, we have generated an HLA \*DR3\*/DQ2 \*transgenic\* \*mouse\* utilizing a 550-kb yeast artificial chromosome (YAC) construct containing the complete DRalpha, DRbeta1, DRbeta3, DQalpha, and DQbeta regions. The \*transgenic\* \*mouse\* (4D1/C2D) in an I-Abeta(o) background appears healthy with no signs of autoimmune diseases. Lymphoid tissues as well as CD4(+) T cells develop normally. Characterization of the transgene expression demonstrates that approximately 90% of B cells express high levels of \*DR3\* and 50-70% of B cells express DQ2. CD11c(+) dendritic cells express high levels of DR and DQ. Approximately 12-18% of resting T cells...

... construct confers a high fidelity to the normal human temporal and spatial expression profile. Analysis of T cell receptor repertoire in transgenic mice confirms that \*DR3\*/DQ2 are able to mediate thymic selection. Furthermore, transgenic mice respond to a \*DR3\*-restricted antigen, demonstrating antigen processing and presentation by antigen-presenting cells (APC). Purified T cells from ovalbumin (OVA)-immunized 4D1 mice respond to human APC co-cultured with OVA, suggesting appropriate antigen/\*DR3\* or DQ2 recognition by murine T cells. Immunoglobulin isotype switching is also observed, indicating functional T-B cognate interactions. Thus, the \*DR3\*/DQ2 \*transgenic\* \*mouse\* has normal lymphoid development and functionality that are mediated by HLA transgenes and can be used to investigate HLA-associated immunological questions.

**2/3,K/2 (Item 2 from file: 155)**  
DIALOG(R) File 155:MEDLINE(R)  
(c) format only 2003 The Dialog Corp. All rts. reserv.

13971015 22241236 PMID: 12355495

**Mice lacking endogenous major histocompatibility complex class II develop arthritis resembling psoriatic arthritis at an advanced age.**

Bardos Tamas; Zhang Jian; Mikecz Katalin; David Chella S; Glant Tibor T; et al

University of Pecs, Pecs, Hungary.

Arthritis and rheumatism (United States) Sep 2002, 46 (9) p2465-75,

ISSN 0004-3591 Journal Code: 0370605

Contract/Grant No.: AI-14764; AI; NIAID; AR-40310; AR; NIAMS; AR-45652; AR; NIAMS; +

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

... with severe bone destruction that developed spontaneously in "humanized" (HLA transgenic) mice lacking their own major histocompatibility complex (MHC). METHODS: We studied 5 different HLA \*transgenic\* \*mouse\* lines (HLA-DR2.Ab(0), \*DR3\*.Ab(0), DR4.Ab(0), DQ6.Ab(0), and DQ8.Ab(0)) in similar genetic background for an extended period of time (>14 months). Clinical...

...Ab(0)) developed severe toe inflammation accompanied by progressive bone resorption, hyperkeratosis, alopecia, loss of nails, and shortening and thickening of the distal phalanges. HLA-\*DR3\*.Ab(0) transgenic mice were resistant to inflammation. The disease manifested only at advanced ages (6 months or older) and affected 70-100% of the...

... HLA transgene and exhibited significantly fewer CD4+ cells in the peripheral blood and reduced natural killer cell activity compared with mice from the resistant HLA-\*DR3\*.Ab(0) line. CONCLUSION: This novel, spontaneously developing PsA-like toe disease in MHC-manipulated mice seems to be related to the absence of endogenous...

**2/3,K/3 (Item 3 from file: 155)**

DIALOG(R) File 155:MEDLINE(R)

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10771441 20327006 PMID: 10871191

**Co-expression of HLA DR3 and DQ8 results in the development of spontaneous insulinitis and loss of tolerance to GAD65 in transgenic mice.**

Abraham R S; Kudva Y C; Wilson S B; Strominger J L; David C S

Department of Immunology, Mayo Clinic, Rochester, Minnesota 55905, USA.

Diabetes (UNITED STATES) Apr 2000, 49 (4) p548-54, ISSN 0012-1797

Journal Code: 0372763

Contract/Grant No.: AI-14764; AI; NIAID

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

... 1 diabetes. HLA DQ8 and DQ2 have been shown to strongly predispose to disease and to be in linkage disequilibrium with at-risk DR4 and \*DR3\* alleles, respectively. Inheritance of a mixed \*DR3\*/DR4 haplotype confers the greatest risk. A double \*transgenic\* \*mouse\* expressing both \*DR3\* and DQ8 was generated to investigate potential major histocompatibility complex class II interactions. The \*DR3\*/DQ8 transgenic mice developed a spontaneous loss of tolerance to GAD65, in which the T-cell response to GAD65 was restricted by HLA DR. Although the mice also showed spontaneous insulinitis, they did not progress to overt diabetes. Mice expressing either transgene (DQ8 or \*DR3\*) alone showed mild infiltration of their islets, which disappeared when DQ8 or \*DR3\* was co-expressed with a resistant DR2 allele or the neutral DQ6 allele. Therefore, in a fashion analogous to human diabetes, the murine model demonstrated...

**2/3,K/4 (Item 1 from file: 5)**

DIALOG(R) File 5:Biosis Previews(R)

(c) 2003 BIOSIS. All rts. reserv.

12138692 BIOSIS NO.: 199900433541

**Influence of immunization with an HLA-\*DR3\* restricted GAD65 peptide on low-dose STZ diabetes in an HLA-\*DR3\*/huCD4 \*transgenic\* \*mouse\* model.**

AUTHOR: Laub R(a); Lohmann T; Hahn H J; Adler T(a); Emmerich F(a)

AUTHOR ADDRESS: (a)Institute of Immunology and Transfusion Medicine, University of Leipzig, Leipzig\*\*Germany

JOURNAL: Diabetologia 42 (SUPPL. 1):pA31 Aug., 1999

CONFERENCE/MEETING: 35th Annual Meeting of the European Association for the Study of Diabetes Brussels, Belgium September 28-October 2, 1999

SPONSOR: European Association for the Study of Diabetes  
ISSN: 0012-186X  
RECORD TYPE: Citation  
LANGUAGE: English

**Influence of immunization with an HLA-DR3\* restricted GAD65 peptide on low-dose STZ diabetes in an HLA-DR3\*/huCD4 transgenic\* mouse model.**  
?ds

Set	Items	Description
S1	8	(TRANSGENIC (W) MOUSE) (S) (DR3)
S2	4	RD (unique items)
?s s2 and (DRab and DQab)		
	4	S2
	116	DRAB
	0	DQAB
S3	0	S2 AND (DRAB AND DQAB)
?s (transgenic (w) mouse) same ((I-Ealpha) or (I-E))		
>>>Invalid syntax		
?s (transgenic (w) mouse) same ((I-Ealpha) or I-E)		
>>>Invalid syntax		
?s (transgenic (w) mouse) same (I (w) E (w) alpha)		
>>>Invalid syntax		
?s (transgenic (w) mouse) (s) ((I-Ealpha) or I-E)		
	114104	TRANSGENIC
	1396210	MOUSE
	0	I-EALPHA
	4	I-E
S4	0	(TRANSGENIC (W) MOUSE) (S) ((I-EALPHA) OR I-E)
?s (I-E)		
S5	4	(I-E)
?rd		
...completed examining records		
S6	4	RD (unique items)
?t s6/3,k/all		

**6/3,K/1 (Item 1 from file: 155)**  
DIALOG(R) File 155:MEDLINE(R)  
(c) format only 2003 The Dialog Corp. All rts. reserv.

07788758 93314896 PMID: 8325448

**Faulty major histocompatibility complex class II I-E expression is associated with autoimmunity in diverse strains of mice. Autoantibodies, insulinitis, and sialadenitis.**

Li X; Golden J; Faustman D L  
Diabetes Unit, Massachusetts General Hospital, Charlestown 02129.  
Diabetes (UNITED STATES) Aug 1993, 42 (8) p1166-72, ISSN 0012-1797  
Journal Code: 0372763  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: Completed

Gene Symbol: \*I-E\*

**6/3,K/2 (Item 2 from file: 155)**  
DIALOG(R) File 155:MEDLINE(R)  
(c) format only 2003 The Dialog Corp. All rts. reserv.

06972622 91282940 PMID: 1676269

**The molecular biology of MHC genes.**  
Accolla R S; Auffray C; Singer D S; Guardiola J  
Istituto di Scienze Immunologiche, Universita di Verona, Italy.  
Immunology today (ENGLAND) Apr 1991, 12 (4) p97-9, ISSN 0167-5699  
Journal Code: 8008346

Document type: Congress  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: Completed

Gene Symbol: B; DP; DQ; DR; G; I-A; \*I-E\*

6/3,K/3 (Item 3 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2003 The Dialog Corp. All rts. reserv.

06765986 91078824 PMID: 2258189  
**Antigen presentation in MHC class II transgenic mice: stimulation versus tolerization.**

Lo D; Burkly L C; Flavell R A; Palmiter R D; Brinster R L  
Laboratory of Reproductive Physiology, School of Veterinary Medicine,  
University of Pennsylvania, Philadelphia 19104.  
Immunological reviews (DENMARK) Oct 1990, 117 p121-34, ISSN  
0105-2896 Journal Code: 7702118  
Document type: Journal Article; Review; Review, Tutorial  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: Completed

Gene Symbol: \*I-E\*

6/3,K/4 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

11996994 BIOSIS NO.: 199900277513  
**Differential expression of accessory molecules on epidermal cells from disease-resistant and disease-susceptible mice infected with Leishmania major.**  
AUTHOR: Titus R G(a); Mbow M L(a)  
AUTHOR ADDRESS: (a)Department of Pathology, CVMBS, Colorado State  
University, Fort Collins, CO\*\*USA  
JOURNAL: FASEB Journal 13 (5 PART 2):pA970 March 15, 1999  
CONFERENCE/MEETING: Annual Meeting of the Professional Research Scientists  
on Experimental Biology 99 Washington, D.C., USA April 17-21, 1999  
SPONSOR: Federation of American Societies for Experimental Biology  
ISSN: 0892-6638  
RECORD TYPE: Citation  
LANGUAGE: English

DESCRIPTORS:  
CHEMICALS & BIOCHEMICALS: ...\*I-E\*  
?ds

Set	Items	Description
S1	8	(TRANSGENIC (W) MOUSE) (S) (DR3)
S2	4	RD (unique items)
S3	0	S2 AND (DRAB AND DQAB)
S4	0	(TRANSGENIC (W) MOUSE) (S) ((I-EALPHA) OR I-E)
S5	4	(I-E)
S6	4	RD (unique items)

?logout

16mar03 13:09:22 User259876 Session D478.2  
\$1.26 0.394 DialUnits File155  
\$1.26 6 Type(s) in Format 3  
\$1.26 6 Types  
\$2.52 Estimated cost File155  
\$2.16 0.386 DialUnits File5  
\$3.50 2 Type(s) in Format 3

\$3.50 2 Typ  
\$5.66 Estimated cost File5  
\$2.90 0.322 DialUnits File73  
\$2.90 Estimated cost File73  
OneSearch, 3 files, 1.102 DialUnits FileOS  
\$1.86 TELNET  
\$12.94 Estimated cost this search  
\$13.30 Estimated total session cost 1.196 DialUnits

### Status: Signed Off. (8 minutes)